



Futures



PiSmart Slide Printers

SMALL FOOTPRINT | SUPERIOR PRINT QUALITY
QUIET | RELIABLE OPERATION



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PiSmart Slide Printers

On-demand Slide Printing

The PiSmart Slide Printers are specifically designed to increase laboratory automation, maximise throughput and fit into the LEAN workflows.

Their small footprint and quiet operation allow the printer to sit on the cut-up bench next to the microtome, streamlining the process of scanning patient tissue blocks, undertaking cut-up and mounting directly onto the precision printed slide.

The on-demand capability of the PiSmart Slide Printer enables slides to be printed as required, avoiding the risk associated with batch printing such as incorrectly matching a patient to their correct sample. Eliminating patient identification errors not only optimises patient care but also improves efficiency in the laboratory.



Superior Print Quality: The PiSmart Slide Printers use thermal transfer to reliably print label information onto the microscope slide. A durable dark print maintains its excellent contrast after processing, ensuring near-perfect scanning of barcodes thereafter.

Reliable Operation: Our printers are proven to be highly reliable, reducing potential downtime in the laboratory. They utilise a simple mechanical system that maximises operational efficiency whilst decreasing instrument stress when printing. This ensures minimal preventative maintenance is required.



Connectivity: The slide printers incorporate all standard PC connections (*USB printing port, ethernet connection, 2 x USB-A ports for uploading and downloading information, and an integrated scanner and keyboard*). An excellent LIS connectivity also allows labs to use existing slide or cassette printer LIS interfaces already being used.

Zebra® Printer Replacement: For laboratories using the Zebra® paper label printer. The PiSmart Slide Printers will automatically accept the Zebra® label information and print directly onto the marked end of the microscope slide, eliminating the need to apply paper labels.



▲ PiSmart Slide Printer with optional delivery system

▼ PiSmart Twin Hopper Slide Printer



Two Printer Options to Suit Customer Requirements

PiSmart Slide Printer

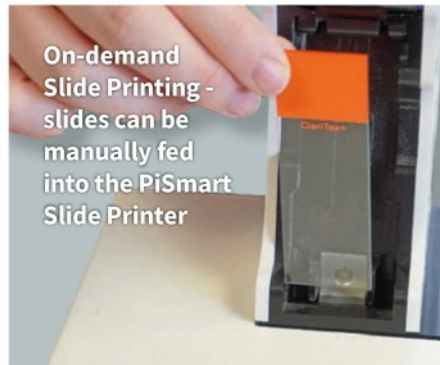
Designed specifically for on-demand printing, the PiSmart Slide Printer can deliver a printed slide in as little as 3-5 seconds. Microscope slides are simply fed manually into the instrument when required.

An optional slide delivery system is available, which quickens the on-demand printing process by slides automatically being fed from the pre-loaded hopper.

PiSmart Twin Hopper Slide Printer

The PiSmart Twin Hopper Slide Printer offers twice the capacity of the PiSmart Slide Printer by incorporating two hoppers for pre-loading different slide types. The Intelligent Slide Selection (ISS) functionality can automatically determine the microscope slide required for individual samples by analysing the label/print image and pulling it from the correct hopper for printing.

There is also an additional manual load option for an additional slide type not currently available in either stacked hopper. To use, simply manually feed them into the instrument in the specified location.



Slide Delivery Systems Permit Pre-loading of Slides

The optional slide delivery system on the PiSmart Slide Printer, and the dual hopper functionality on the Twin Hopper Slide Printer increases laboratory efficiency as slides are automatically taken from the hopper, making it a quicker and easier process.

High Resolution Touch Screen Monitor

Operation of the slide printers is undertaken through a high-resolution touch screen display with an intuitive and easy-to-use menu structure for operation.

Label Design Solutions

The PiSmart Slide Printer's internal software is capable of fully designing a slide label's sample information. This includes text, linear barcodes, and 2D barcodes. Simply scan a cassette barcode or send a text file from the LIS system and the slide printers do the rest; designing and printing the slide with unique information to properly identify patient samples.



Purpose Built Slide Dispenser

When slides have been printed, they are dispensed via a chute that provides the easy pick-up of the microscope slide.

Excellent Print Quality

The durable dark print provides excellent contrast and ensures near-perfect scan rates



Fully Integrated Barcode Scanner

A fully integrated barcode scanner automates data entry. A simple scan of a barcode can log users in and out of the system or create a new slide label for printing.

Small Footprint

The small size of both printers allows them to sit on the cut-up bench next to the microtome and tissue section bath. This increases the laboratory's efficiency.

PiSmart Slide Printer - Specifications

Specifications	
Dimensions (W x D x H):	PiSmart Slide Printer: 140 x 230 x 295mm PiSmart Twin Hopper Slide Printer: 165 x 355 x 412mm
Weight:	PiSmart Slide Printer: 4.1kg PiSmart Twin Hopper Slide Printer: 7.2kg
Power Requirements:	Universal 100 -240 VAC. 1.5A Max.
Slide Tolerances:	76 – 76.2mm x 25.55 – 26mm x 1 – 1.20mm
Print Speed:	3-5 seconds per slide
Print Resolution:	300 dpi
Media Type & Capacity:	Thermal Transfer Ribbon. 1 roll completes approx. 12,000 prints
Connectivity:	Ethernet, USB-A (2), USB-B (1)

Sample Tracking Solutions



The hardware in the PiSmart Slide Printers is the same as our PiSmart Cassette Printers, meaning they can be used together to create a seamless tracking solution, providing sample security and specimen integrity. Process information includes user log-in information, time and date stands, unique user ID indicators, and specific instrument IDs providing the location of the printers used for a specific task.

Please visit our website for further information on our PiSmart Printers at www.cellpath.com

PiSmart Slide Printer - Item Codes

Item Code	Description	Quantity
JAG-1300-00A	PiSmart Slide Printer	1
JAG-1300-00C	PiSmart Twin Hopper Slide Printer	1

PiSmart Slide Printer - Accessories

Item Code	Description	Quantity
JAG-1400-00A	Hopper for PiSmart Twin Hopper Slide Printer	1
JAG-1400-00B	PiSmart Slide Delivery System	1
JAG-1400-00C	Hopper for PiSmart Delivey System	1
JAP-1000-00B	PiSmart Printer Ribbon	1

CellPath Recommend ClariTex and Millennia Command™ Microscope Slides for Use with PiSmart Slide Printers

The comprehensive ClariTex range is exclusively available from CellPath. The range includes routine, adhesive, and special slides to meet all of your laboratory needs. Slides in the ClariTex range are manufactured to the highest standard with precisely controlled production processes at all stages and strict quality standards.

The Millennia Command™ Microscope Slide possesses an optimised coating for strong adhesion to eliminate tissue loss and provide consistency of staining. This level of adhesion meets the rigorous demands of harsh IHC processing, while minimal background staining makes the Millenia Command™ Slide an excellent choice for special stains and H&E.



ColourCoat



Adhesive



Millennia Command™ Adhesive

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